

Title (en)  
Ozone decomposing reactor.

Title (de)  
Ozonspaltungsreaktor.

Title (fr)  
Réacteur pour décomposer de l'ozone.

Publication  
**EP 0398765 A1 19901122 (EN)**

Application  
**EP 90305507 A 19900521**

Priority  
• JP 12752889 A 19890519  
• JP 14338089 A 19890606  
• JP 32237489 A 19891212

Abstract (en)  
There is disclosed an ozone decomposing reactor element which comprises a catalyst structure 10 composed of a carrier having at least one passage 11 extending therethrough for allowing an ozone containing fluid to pass through the catalyst structure and catalyst and electroconductive material carried in or on the carrier; and electrodes 12 attached to the catalyst structure for electrifying the structure to decompose ozone at elevated temperature. The carrier is either a ceramic honeycomb mold or of fiber board.

IPC 1-7  
**B01D 53/36; C02F 1/70**

IPC 8 full level  
**B01D 53/86** (2006.01); **B01J 35/04** (2006.01); **C02F 1/72** (2006.01); **C25B 11/06** (2006.01); **C02F 1/78** (2006.01)

CPC (source: EP US)  
**B01D 53/8675** (2013.01 - EP US); **B01J 35/56** (2024.01 - EP US); **C02F 1/725** (2013.01 - EP US); **C02F 1/78** (2013.01 - EP US); **Y10S 588/90** (2013.01 - EP US)

Citation (search report)  
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